

Title (en)

Method of foreseeing and controlling tread wearing in a pneumatic tyre and related pneumatic tyre

Title (de)

Methode zur Vorhersage und Kontrolle des Laufflächenverschleisses eines Luftreifens und dazugehöriger Luftreifen

Title (fr)

Procédé de prévision et de contrôle de l'usure d'un pneumatique et pneumatique associé

Publication

EP 0768518 A2 19970416 (EN)

Application

EP 96115932 A 19961004

Priority

IT MI952056 A 19951009

Abstract (en)

A method of foreseeing and controlling wearing in the tread band of a tyre based on the use of cuts of a limited depth (in the order of tenth parts of one millimeter) formed on the external surface of the tread band, in the thickness of the elastomeric material. The cut is preferably carried out by the laser beam technology. Rotation of the tyre on a road or on any other friction surface enables both the uneven wearing of the tread, highlighted by localized spots devoid of cuts, to be quickly verified by inspecting the maintenance state of said cuts, and the wear velocity of the tread, which can be drawn from calculation of the time elapsing between the disappearance of two groups of cuts of different depth. <IMAGE>

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G01M 17/02

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Cited by

EP2987655A4; CN108956164A; US9555591B2; US9403332B2; US10611192B2

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